



BOX M

ECN020-US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of )  
MATTHEWS )  
U.S. Patent No. 5,676,571 ) Tyco Electronics Corporation  
(Application No. 08/693,999) ) 307 Constitution Drive  
Issued: October 14, 1997 ) Menlo Park, CA 94025  
(Filed: August 8, 1996) )  
For: SOCKET CONTACT WITH INTEGRALLY FORMED ) April 13, 2005  
HOOD AND ARC-ARRESTING PORTION )  
)

PETITION UNDER 37 § CFR 1.28(c)andPAYMENT OF DEFICIENCY UNDER 37 CFR § 1.28(c)andPAYMENT OF MAINTENANCE FEE

Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

04/21/2005 DALLEW 00000009 180560 5676571  
01 FC:1559 475.00 DA  
02 FC:1552 2300.00 DA

This is a petition under 37 CFR § 1.28(c) to correct an error in the small entity status for this patent and to pay a deficiency owed as a result of this error.

Background

When the application was filed in 1996, the original assignee of this patent, Elcon Products International, qualified as a small entity and appropriate papers establishing that status were submitted. In 1999, the parent of Elcon Products International, TVM Group, Inc., was acquired by Tyco Electronics Corporation, which is a large entity. In 2002, TVM Group was merged into Tyco Electronics. The details of this merger are shown on the attached Certificate, signed by the undersigned, who is an officer of Tyco Electronics. TVM Group,

CERTIFICATE OF MAILING UNDER 37 CFR §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Name of person signing certificate: Shirley Christensen  
Signature: *Shirley Christensen* Date: April 13, 2005

Inc. remains the recorded owner of this patent on the PTO records and inadvertently the Office was not notified of a loss of entitlement to small entity status.

The first maintenance fee due at 3.5 years was paid in 2001, incorrectly as a small entity. On review of the file prior to paying the second maintenance fee, it became apparent that inadvertently those incorrect fees had been paid. In a separate paper, a large entity assertion for this patent has been sent to Mail Stop M Correspondence.

Itemization and Calculation of the Deficiency Owed

In accordance with 37 CFR § 1.28(c)(2), the fee that was erroneously paid, the deficiency owed, and the payment of the deficiency is itemized below.

<u>Type of Fee</u>	<u>Date Paid</u>	<u>Amount Paid</u>	<u>Current Fee Amount</u>	<u>Deficiency Owed</u>
1 <sup>st</sup> Maintenance Fee	Prior to 04/15/2001*	\$425.00	\$900.00	\$475.00
<b>Total Deficiency Owed</b>				<b>\$475.00</b>

\* The exact date of payment is not known, but the PTO records indicate that \$425.00 was paid with no surcharge for a late payment.

The Commissioner is authorized to charge the total deficiency owed to Deposit Account No. 18-0560.

Payment of 2<sup>nd</sup> Maintenance Fee

The maintenance fee due at 7.5 years, in the amount of \$2,300.00 is listed on the attached fee transmittal sheet.

Petition Fee

The Commissioner is authorized to charge any required fees for this Petition, as well as any other fees in connection with this patent, to Deposit Account No. 18-0560.

Conclusion

If there are questions, please contact the undersigned. Thank you for your attention to this matter

Respectfully submitted,

Marguerite E. Gerstner

Marguerite E. Gerstner  
Registration No. 32,695  
Telephone (650) 361-2483



## Tyco Electronics Corporation

### Certificate

I, Marguerite Gerstner, hereby certify that I am Assistant Secretary of Tyco Electronics Corporation (f/k/a AMP Incorporated), a Pennsylvania corporation (the "Corporation"), and that I have been duly elected and am presently serving in such capacity in accordance with the Bylaws of the Corporation.

I hereby further certify that on August 31, 1999, pursuant to a stock purchase agreement, the Corporation acquired all of the outstanding capital stock of TVM Group, Inc., a California corporation ("TVM Group"), the parent company of TVM, Inc., a California corporation doing business as Elcon Products International Company ("TVM"). Subsequently, on February 22, 2002, TVM merged into its parent TVM Group. Effective March 19, 2002, TVM Group merged into its parent the Corporation.

IN WITNESS WHEREOF, I have hereunto affixed my signature and attached the seal of Tyco Electronics Corporation this 13<sup>th</sup> day of April, 2005.

Tyco Electronics Corporation

Marguerite E. Gerstner  
By: Marguerite Gerstner  
Assistant Secretary

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

## FEE TRANSMITTAL For FY 2005

**Complete if Known**

Application Number	08/693,999 (Patent No. 5,676,571)
Filing Date	08/08/96 (Issued 10/14/97)
First Named Inventor	Matthews
Examiner Name	Tho Dac Ta
Art Unit	2833
TOTAL AMOUNT OF PAYMENT	(\$) 2775.00
Attorney Docket No.	ECN020-US

 Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)  
2775.00**METHOD OF PAYMENT** (check all that apply)

<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> None	<input type="checkbox"/> Other (please identify): _____
<input checked="" type="checkbox"/> Deposit Account      Deposit Account Number: <u>18-0560</u> Deposit Account Name: <u>Tyco Electronics Corporation</u>				
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)				
<input checked="" type="checkbox"/> Charge fee(s) indicated below		<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee		
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17		<input checked="" type="checkbox"/> Credit any overpayments		

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		
	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Fees Paid (\$)</u>
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

**2. EXCESS CLAIM FEES**

<u>Fee Description</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Fee (\$)</u>
Each claim over 20 (including Reissues)		50	25
Each independent claim over 3 (including Reissues)		200	100
Multiple dependent claims		360	180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>
_____ - 20 or HP = _____	x _____	= _____		<u>Fee (\$)</u> <u>Fee Paid (\$)</u>

HP = highest number of total claims paid for, if greater than 20

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
_____ - 3 or HP = _____	x _____	= _____	

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
_____ - 100 = _____ / 50 = _____		(round up to a whole number) x _____ = _____		

**4. Other Fee(s)**

Non-English Specification, \$130 fee (no small entity discount)

Other: 1<sup>st</sup> Maintenance Fee DeficiencyOther: 2<sup>nd</sup> Maintenance Fee (due at 7.5 years)

<b>SUBMITTED BY</b>			
Signature	<u>Marguerite E. Gerstner</u>	Registration No. (Attorney/Agent) 32,695	Telephone 650-361-2483
Name (Print/Type)	Marguerite E. Gerstner		Date

**Certificate of Mailing (37 CFR 1.8)**

I hereby certify that this paper or fee is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below:

Date of deposit: April 13, 2005Name (printed): Shirley Christensen

Signature: Shirley Christensen

SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450